

WE CLAIM:

1. A battery pack for a medical device, the battery pack comprising:  
a power supply capable of being connected to the medical device;  
and

5 an indicator to automatically indicate a status of at least a portion of  
at least one of the battery pack and the medical device.

2. The battery pack of claim 1 wherein the indicator comprises a visual  
indicator.

3. The battery pack of claim 2 wherein the visual indicator comprises a  
10 light emitting diode.

4. The battery pack of claim 3 wherein the light emitting diode flashes  
when at least one of the battery pack and the medical device are operating  
properly.

5. The battery pack of claim 3 wherein the light emitting diode flashes  
15 to indicate a fault condition.

6. The battery pack of claim 1 wherein the indicator comprises an  
audio indicator.

7. The battery pack of claim 6 wherein the audio indicator comprises  
an enunciator.

8. The battery pack of claim 1 wherein the indicator communicates  
20 that the medical device has failed a self test.

9. The battery pack of claim 1 wherein the indicator indicates a state of  
the power supply.

10. The battery pack of claim 1 further comprising a microcontroller  
25 connected with the indicator.

11. The battery pack of claim 10 wherein the microcontroller controls the indicator to indicate status.

12. The battery pack of claim 1 wherein the medical device comprises an external defibrillator.

13. The battery pack of claim 1 wherein the indicator indicates a status independent of the battery pack being connected with the medical device.

14. A battery pack for a medical device, the battery pack comprising:  
an indicator to automatically indicate a status of at least a portion of at least one of the battery pack and the medical device, wherein the indicator indicates the status independent of the battery pack being connected with the medical device.

15. The battery pack of claim 14 wherein the indicator comprises a visual indicator.

16. The battery pack of claim 15 wherein the visual indicator comprises a light emitting diode.

17. The battery pack of claim 16 wherein the light emitting diode flashes when at least one of the battery pack and the medical device are operating properly.

18. The battery pack of claim 16 wherein the light emitting diode flashes to indicate a fault condition.

19. The battery pack of claim 14 wherein the indicator comprises an audio indicator.

20. The battery pack of claim 19 wherein the audio indicator comprises an enunciator.

21. The battery pack of claim 14 wherein the indicator communicates that the medical device has failed a self test.

22. The battery pack of claim 14 further including a power supply.

23. The battery pack of claim 22 wherein the indicator indicates a state of the power supply.

24. The battery pack of claim 14 further comprising a microcontroller connected with the indicator.

25. The battery pack of claim 24 wherein the microcontroller controls the indicator to indicate status.

26. The battery pack of claim 14 wherein the medical device comprises an external defibrillator.

27. A method of indicating status on a battery pack for a medical device, the method comprising:

providing a power supply capable of being connected to the medical device; and

automatically indicating with an indicator of the battery pack a status of at least a portion of at least one of the battery pack and the medical device.

28. The method of claim 27 wherein the indicator comprises a visual indicator.

29. The method of claim 28 wherein the visual indicator comprises a light emitting diode.

30. The method of claim 29 further including flashing the light emitting diode flashes when at least one of the battery pack and the medical device are operating properly.

31. The method of claim 29 further including flashing the light emitting diode when a fault condition occurs.

32. The method of claim 27 wherein the indicator comprises an audio indicator.

5 33. The method of claim 32 wherein the audio indicator comprises an enunciator.

34. The method of claim 27 wherein the indicator communicates that the medical device has failed a self test.

10 35. The method of claim 27 wherein the indicator indicates a state of the power supply.

36. The method of claim 27 further comprising a microcontroller connected with the indicator.

37. The method of claim 36 wherein the microcontroller controls the indicator to indicate a status.

15 38. The method of claim 27 wherein the medical device comprises an external defibrillator.

39. The method of claim 27 wherein the indicator indicates a status independent of the battery pack being connected with the medical device.